State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

Eshamy-02

AWC Volume SE (SC) SW W AR IN USGS Quad Seward B-3

Anadromous Water Catalog Number of Waterway 225-30-15072

Name of Waterway _____ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 94 113		
Revision Year: 94		
Revision to: Atlas ____ Catalog ____ Both X		
Revision Code: A-2d		
	Regional Supervisor	11/14/94 Date
	E O Weiss	12/28/93
	L. Trowe	2/9/94
	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink salmon - Adults	8-27-93	600			✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: An estimated 400 pink salmon were observed at the stream mouth and an additional 200 spawning in the pond. The upper extent of the salmon was at the base of the 1 meter slide barrier. Stream width was 3 meters at the mouth and 10 meters at the upper extent. Gradient is 2 percent.

Name of Observer (please print) JEFF BARNHART

Date: 9-29-93 Signature: Jeff Barnhart

Address: 333 Raspberry Road
Anchorage, AK

ALASKA DEPT. OF FISH & GAME
NOV 02 1993
REGION II
HABITAT AND RESTORATION DIVISION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Rev. 7/93

STREAM HABITAT ASSESSMENT 1993 – SEGMENTS

STREAM: ESKAMY - 02 SEGMENT: 0-01 DATE: 08/27/93 TEAM: JB/KS

ANADROMOUS: (y) n WIDTH (m): 3 - 10 LENGTH (m): — GPS DATE: __/__/ DIGITIZE: y n

WATERBODY: (mainstem) tributary lake/pond wetland intertidal other : _____

8-27 (

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
pinks	A	200	V	in lagoon	bear		tracks, droppings
pinks	A	400		off mouth	canada geese	3	(2ad, 1juv)
					mink		tracks
					magpie	4	

GRADIENT(%): 1 CHANNEL PROFILE: A V B U C (C) D E F

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE : (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE ___ COBBLE 3 GRAVEL 1 SAND ___ MUD/SILT 2 ORGANICS ___ OTHER: _____

STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS ___ LOGS ___ BOULDERS ___ CUT BANK ✓ OVERHANGING VEGET. ✓ OTHER: _____

STREAM COVER ABUNDANCE: none (low) medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Hemlock Spruce —

UNDERSTORY: GRASS — —

CANOPY ABOVE STREAM: (none) low medium high

GROWTH: mature secondary shrubs (meadow) muskeg intertidal

TOTAL BARRIER? (y) n BARRIER TO SPECIES: PINK (adults) juveniles

TYPE: fall (slide) beaverdam logjam spring substrate HEIGHT (m): 1.0 DIST. FROM UPPER EXTENT (m): 0

PHOTO ROLL(s): _____ VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	DESCRIPTION

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"

(Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 1993 – STREAMS

STREAM: ESHAMY - 02 QUAD: Seward B-3 STAGE: H (M) L

LANDOWNER: (Chenega) CAC Eyak Tatitlek Pt. Graham English Bay (circle one)

DATE(s): 02/27/92 UTM ZONE: 6

GPS FILES: 30P2723A

SKETCH (indicate UTM zones, if not uniform throughout the stream)

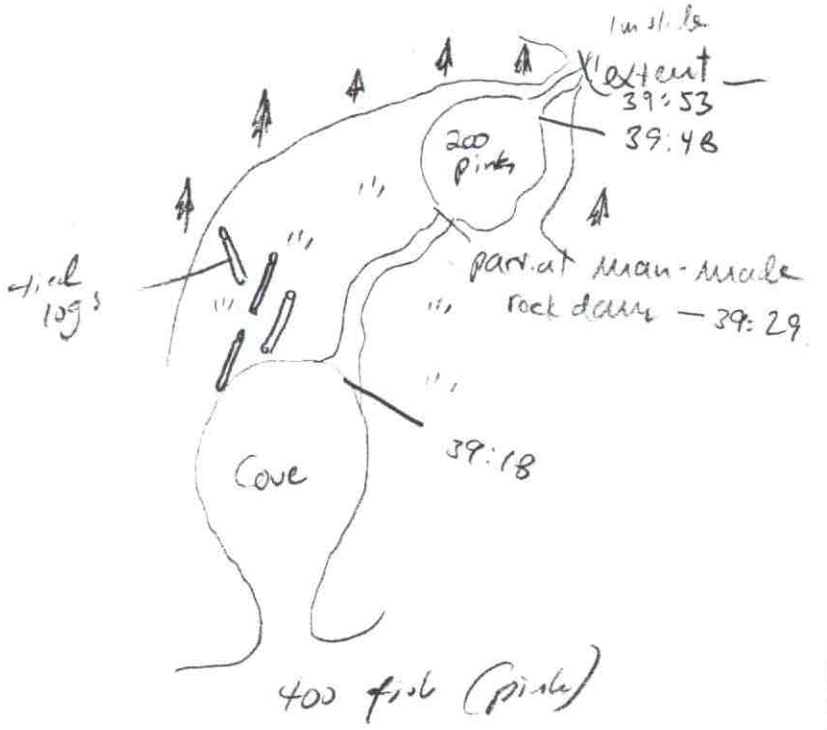


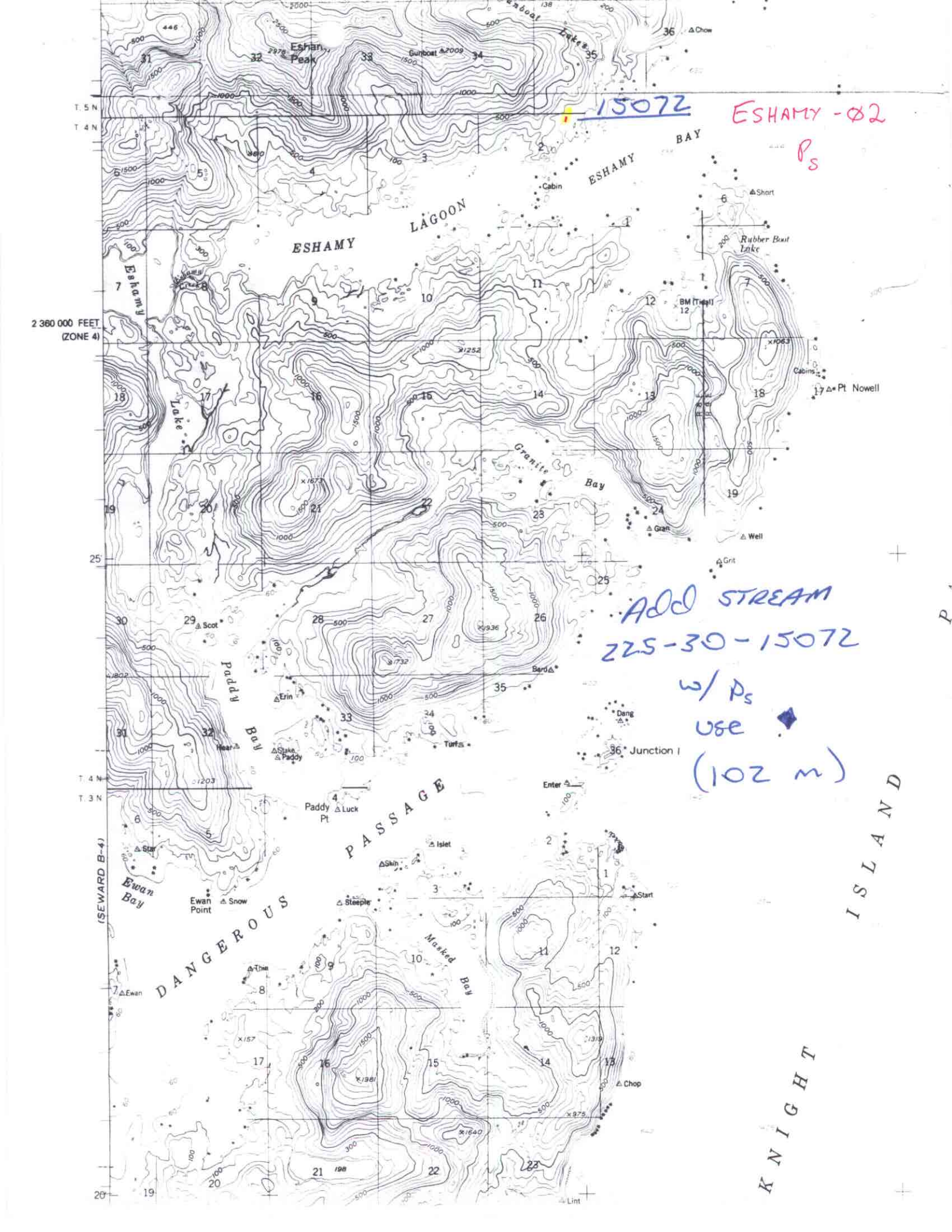
PHOTO ROLL(s): KB-04

FRAME	DESCRIPTION
24	[illegible]
	KB-01
22	Rockdam

VIDEO TAPE(s):

DATE	

(Please enter comments on the other side)


15072
ESHAMY -02
Ps
ESHAMY BAY
ESHAMY LAGOON
Eshamy Creek
Lake
Rubber Boat Lake
Granite Bay
Paddy Bay
Ewan Bay
Masked Bay
PASSAGE
DANGEROUS
KNIGHT ISLAND
(SEWARD B-4)
Eshamy Peak
Gunboat Lakes
Pt Nowell
Junction I
Paddy Pt
Ewan Point
2 360 000 FEET (ZONE 4)
T. 5 N
T. 4 N
T. 3 N
Add STREAM
225-30-15072
w/ Ps
use
(102 m)

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 2, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream Nominations and Corrections Project R-51

FROM: Kathrin Sundet KS
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 46 streams surveyed in the summer of 1993 on private lands held by the Chenega and Chugach Alaska Corporations in southwest Prince William Sound.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada